

**REMARKS/ARGUMENTS**

Before this Amendment, claims 1-14 and 16-25 were pending in the present application. Claims 1, 16, 23, and 24 have been amended. Claim 15 was previously canceled without prejudice and without disclaimer. No claims have been added. Accordingly, claims 1-14 and 16-25 remain pending in the present application after entry of this Amendment.

The Final Office Action ("Office Action") has rejected claims 1-4 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of Oeda, U.S. Patent Pub. 2001/0029502 ("Oeda") in view of the cited portions of Church et al., U.S. Patent 5,794,23 ("Church"). The Office Action has rejected claims 5-6 and 12 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of Oeda and Church and further in view of the cited portions of Williams et al., U.S. Patent 5,845,283 ("Williams"). The Office Action has rejected claims 7-9 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of Oeda and Church and further in view of the cited portions of Bruce Schneier, Applied Cryptography ("Schneier"). The Office Action has rejected claims 10-11, 16-18 and 23-24 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of Oeda and Church and further in view of the cited portions of Tamaki et al., U.S. Patent Pub. 2002/0059427 ("Tamaki"). The Office Action has rejected claims 19-20 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of Oeda, Tamaki and Church, and further in view of the cited portions of Williams. The Office Action has rejected claims 13-14 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of Oeda and Church, and further in view of the cited portions of Williams et al., U.S. Patent Pub. 2005/0021969 ("Williams '969"). The Office Action has rejected claims 13 and 21 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of Church, Oeda and Tamaki and further in view of the cited portions of Williams '969. The Office Action has rejected claim 25 under 35 U.S.C. §103(a) as being unpatentable over the cited portions of Oeda, Church, Tamaki and further in view of the cited portions of Schneier.

Claims 1-14

Claim 1 has been amended to recite:

"receiving the encrypted data from the shared volume of the storage system at a second computer system of second type, the first and second computer system being of different computer systems, **wherein the second computer system comprises a file receiver, a file format converter, a data decryptor, a character set converter, a database loader, a signature receiver, and a signature checker;**

converting the received data from the first file format to a second file format **with the file format converter**, the first file format being native to the first computer system and the second file format being native to the second computer system;

decrypting the received data using a second security key that is associated with the first security key;

converting the received data from the first character-set format to a second character-set format **with the character set converter**, the first character-set format being native to the first computer system, the second character-set format being native to the second computer system; and

thereafter, loading the received data **with the database loader** to a second volume of the storage system, the second volume associated with the second computer system."

Support for these amendments is found, for example, in Figure 6 of Applicant's specification. The cited Oeda reference and cited Church reference when taken in combination

do not appear to teach this combination of elements. Therefore, it is believed that claim 1 is allowable over the combination of Oeda and Church. Claims 2-14 depend from claim 1. Therefore, claims 2-14 are allowable for at least the same reasons that claim 1 is allowable.

Claim 16 has been amended to recite:

"receiving an encrypted data from a shared volume of the storage system at a second computer system of second type, the encrypted data being data that has been extracted from a first volume of the storage system that is associated with a first computer system of first type, the received data having a first format and a third format, **wherein the second computer system comprises a file receiver, a file format converter, a data decryptor, a character set converter, a database loader, a signature receiver, and a signature checker;;**

converting the received data from the first format to a second format **with the file format converter**, the first format being native to the first computer system and the second format being native to the second computer system;

decrypting **with the data decryptor** the received data using a second security key that is associated with a first security key that has been used to encrypt the extracted data at the first computer system; and

thereafter, loading **with the data loader** the data to a second volume of the storage system, the second volume being associated with the second computer system."

Support for these amendments is found, for example, in Figure 6 of Applicant's specification. The cited Oeda, Church and Tamaki references when taken in combination do not appear to teach this combination of elements. Therefore, it is believed that claim 17 is allowable over the combination of Oeda, Church, and Tamaki. Claims 17-22 depend from claim 16. Therefore, claims 17-22 are allowable for at least the same reasons that claim 16 is allowable.

Claim 23 has been amended to recite:

"an interface for coupling with a storage system;

and

a computer storage medium including:

code for receiving an encrypted data from a shared volume of the storage system, the encrypted data being data extracted from a first volume of the storage system that is associated with another computer system that is different than the computer system,

code for converting the received data from a first format to a second format, the first format being native to the another computer system and the second format being native to the computer system,

**code for receiving a digital signature;**

**code for checking said digital signature;**

code for decrypting the received data using a second security key that is associated with a first security key that has been used to encrypt the extracted data at the another computer system, [[and]]

code for loading the data to a second volume of the storage system, the second volume being associated with the computer system."

Support for these amendments is found, for example, in Figure 6 of Applicant's specification. Support for these amendments is found, for example, in Figure 6 of Applicant's specification. The cited Oeda, Church and Tamaki references when taken in combination do not appear to teach this combination of elements. Therefore, it is believed that claim 23 is allowable over the combination of Oeda, Church, and Tamaki.

Claim 24 has been amended to recite:

"code for receiving an encrypted data from a shared volume of the storage system at a second computer system of second type, the encrypted data being data extracted from a first volume of the storage system that is associated with a first computer system of first type;

code for converting the received data from a first format to a second format, the first format being native to the first computer system and the second format being native to the second computer system;

code for decrypting the received data using a second security key that is associated with a first security key that has been used to encrypt the data at the first computer system; [[and]]

**code for receiving a digital signature;**

**code for checking said digital signature;**

code for loading the data to a second volume of the storage system, the second volume being associated with the second computer system."

Support for these amendments is found, for example, in Figure 6 of Applicant's specification. Support for these amendments is found, for example, in Figure 6 of Applicant's specification. The cited Oeda, Church and Tamaki references when taken in combination do not

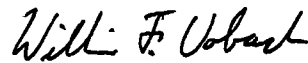
appear to teach this combination of elements. Therefore, it is believed that claim 24 is allowable over the combination of Oeda, Church, and Tamaki. Claim 25 depends from claim 24. Therefore, claim 25 is allowable for at least the same reasons that claim 24 is allowable.

**CONCLUSION**

In view of the foregoing, Applicant believes all claims now pending in this Application are in condition for allowance and an action to that end is respectfully requested.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 303-571-4000.

Respectfully submitted,



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